Title (en)

METHOD FOR THE PRODUCTION OF INSULIN-LIKE GROWTH FACTOR-I

Title (de)

VERFAHREN ZUR HERSTELLUNG DES INSULINÄHNLICHEN WACHSTUMSFAKTORS-I

Title (fr)

PROCEDE DE PRODUCTION DU FACTEUR DE CROISSANCE I DE TYPE INSULINE (IGF-I)

Publication

**EP 2059530 B1 20120829 (EN)**

Application

**EP 07801960 A 20070829**

Priority

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Abstract (en)

[origin: WO2008025527A1] Method for the production of IGF-I, characterized by cultivating a prokaryotic host cell comprising an expression vector containing a nucleic acid encoding a fusion protein comprising said IGF-I N-terminally linked to the C-terminus of a propeptide, whereby said propeptide ends C-terminally with amino acids -Y-Pro, wherein Y is selected from the group consisting of Pro, Pro-Ala, Pro-Gly, Pro-Thr, Ala-Pro, Gly-Pro, Thr-Pro, Arg-Pro, or Pro-Arg-Pro, recovering and cleaving said fusion protein with IgA protease, and recovering said IGF-I. IGF-I is useful for the treatment of neurodegenerative disorders like Alzheimer's Disease.

IPC 8 full level

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A61K 38/00 (2013.01 - EP US); C07K 2319/21 (2013.01 - EP US); C07K 2319/30 (2013.01 - EP US); C07K 2319/50 (2013.01 - EP US)

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